



Energy Micro (Silicon Labs)

EFM32GG890F512-BGA112T

Part Number:	EFM32GG890F512-BGA112T
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 32BIT 512KB FLASH 112BGA 1.EFM32GG890F512-BGA112T.pdf 2.EFM32GG890F512-BGA112T.pdf 3.EFM32GG890F512-BGA112T.pdf
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	13922 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of EFM32GG890F512-BGA112T

PART NUMBER	EFM32GG890F512-BGA112T
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 512KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13922 pcs
DATA SHEET	1.EFM32GG890F512-BGA112T.pdf 2.EFM32GG890F512-BGA112T.pdf 3.EFM32GG890F512-BGA112T.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	112-BGA (10x10)
SPEED	48MHz
SERIES	Giant Gecko
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	112-LFBGA
OTHER NAMES	EFM32GG890F512-BGA112-T EFM32GG890F512-T EFM32GG890F512-T-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	90
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 Giant Gecko Microcontroller IC 32-Bit 48MHz 512KB (512K x 8) FLASH 112-BGA (10x10)
DATA CONVERTERS	A/D 8x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	EBI/EMI, I²C, IrDA, SmartCard, SPI, UART/USART

Related Tags

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Related Products

<p>EFM32GG890F512G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 14967 pcs RFQ</p>	<p>EFM32GG890F1024-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 11002 pcs RFQ</p>
<p>EFM32GG880F512G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 14068 pcs RFQ</p>	<p>EFM32GG890F1024G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 13806 pcs RFQ</p>
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<p>EFM32GG895F1024-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 7612 pcs RFQ</p>	<p>EFM32GG890F512-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 18499 pcs RFQ</p>
<p>EFM32GG895F1024G-E-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 11537 pcs RFQ</p>	<p>EFM32GG890F1024-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 8099 pcs RFQ</p>
<p>EFM32GG890F1024G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 14993 pcs RFQ</p>	<p>EFM32GG895F1024-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 12548 pcs RFQ</p>